PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

December 20, 2001

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
2984.1000-004	09/902,461
APPLICANT: Yuan-Tsong Chen	
FILING DATE: July 10, 2001	GROUP: 1651

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
	AL							

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

MM	AR	Poenaru, L., "Approach to Gene Therapy of Glycogenosis Type II (Pompe Disease), *Molecular Genetics and Metabolism*, 70(3):163-169 (2000).
	AS	Hirschhorn, R., "Glycogen Storage Disease Type II: Acid α-Glucosidase (Acid Maltase) Deficiency", *The Metabolic and Molecular Bases of Inherited Disease*, (77)11:2443-2464 (1995).
	AT	Barton, N.W., *et al.*, "Therapeutic response to intravenous infusions of glucocerebrosidase in a patient with Gaucher disease", *Proc. Natl. Acad. Sci*, 87:1913-1916 (March 1990).
	AU	Lauer, R.M., "Administration of a Mixture of Fungal Glucosidases to a Patient with Type II Glycogenosis (Pompe's Disease)", *Pediatrics*, 42:672-676 (1968).
	AV	Van den Hout., *et al.*, "Enzyme therapy for Pompe disease with recombinant human α-glucosidase from rabbit milk", *J. Inherit. Metab. Dis.*, 24:266-274 (2001).
	AW	Williams, J.C., *et al.*, "Enzyme Replacement in Pompe Disease With an α-Glucosidase-Low Density Lipoprotein Complex*", *Birth Defects: Original Article Series*, 16(1):415-423 (1980).
	AX	Yang, H.W., *et al.*, "Recombinant Human Acid α-Glucosidase Corrects Acid α-Glucosidase-Deficient Human Fibroblasts, Quail Fibroblasts, and Quail Myoblasts", *Pediatric Research*, 43(3):374-380 (1998).
	AY	Amalfitano, A., *et al.*, "Recombinant human acid α-glucosidase enzyme therapy for infantile glycogen storage disease type II: Results of a phase I/II clinical trial", *Genetics in Medicine*, 3(2):132-138 (2001).
	AZ	Ausems, M., *et al.*, "Frequency of glycogen storage disease type II in The Netherlands: implications for diagnosis and genetic counselling", *European Journal of Human Genetics*, 7:713-716 (1999).
	AR2	Bijvoet, A.G.A., *et al.*, "Recombinant human acid α-glucosidase: high level production in mouse milk, biochemical characteristics, correction of enzyme deficiency in GSDII KO mice", *Human Molecular Genetics*, 7(11):1815-1824 (1998).

EXAMINER	DATE CONSIDERED
M. Ann	5/31/02

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

December 20, 2001

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
2984.1000-004	09/902,461
APPLICANT: Yuan-Tsong Chen	
FILING DATE: July 10, 2001	GROUP: ~~1634~~ 1651

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS ***(Including Author, Title, Date, Pertinent Pages, Etc.)***

	AS2	Bijvoet, A.G.A., *et al.*, "Human acid α-glucosidase from rabbit milk has therapeutic effect in mice with glycogen storage disease type II", *Human Molecular Genetics*, 8(12):2145-2153 (1999).
	AT2	Brooks, D.A., "Immune Response to Enzyme Replacement Therapy in Lysosomal Storage Disorder Patients and Animal Models", *Molecular Genetics and Metabolism*, 68:268-275 (1999).
	AU2	de Barsy, T., *et al.*, "Enzyme Replacement in Pompe Disease: An Attempt with Purified Human Acid α-Glucosidase*", *Birth Defects:Original Article Series*, 9(2):184-190 (1973).
	AV2	Fuller, M., *et al.*, "Isolation and characterisation of a recombinant, precursor form of lysosomal acid α-glucosidase", *Eur. J. Biochem*, 234:903-909 (1995).
	AW2	Hermans, M.M.P., *et al.*, "The effect of a single base pair deletion (ΔT525) and a C1634T missense mutation (pro545leu) on the expression of lysosomal α-glucosidase in patients with glycogen storage disease type II", *Human Molecular Genetics*, 3(12):2213-2218 (1994).
	AX2	Hermans, M.M.P., *et al.*, "The conservative substitution Asp-645 → Glu in lysosomal α-glucosidase affects transport and phosphorylation of the enzyme in an adult patient with glycogen-storage disease type II", *Biochem. J.*, 289:687-693 (1993).
	AY2	Hermans, M.M.P., *et al.*, "Identification of a Point Mutation in the Human Lysosomal α-Glucosidase Gene Causing Infantile Glycogenosis Type II", *Biochemical and Biophysical Research Communications*, 179(2):919-926 (1991).
	AZ2	Hoefsloot, L.H., *et al.*, "Characterization of the human lysosomal α-glucosidase gene", *Biochem. J.*, 272:493-497 (1990).
	AR3	Hug, G., *et al.*, "Treatment Related Observations in Solid Tissues, Fibroblast Cultures and Amniotic Fluid Cells of Type II Glycogenosis, Hurler Disease and Metachromatice Leukodystrophy*", *Birth Defects: Original Articles Series*, 9(2):160-183 (1973).

EXAMINER	~~DATE~~ CONSIDERED
M. Au	5/31/02

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

December 20, 2001

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
2984.1000-004	09/902,461
APPLICANT: Yuan-Tsong Chen	
FILING DATE: July 10, 2001	GROUP: ~~1641~~ 1651

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO

OTHER DOCUMENTS ***(Including Author, Title, Date, Pertinent Pages, Etc.)***

MM	AS3	Kikuchi, T., *et al.*, "Clinical and Metabolic Correction of Pompe Disease by Enzyme Therapy in Acid Maltase-deficient Quail", *J. Clin. Invest.*, 101(4):827-833 (1998).
	AT3	Martiniuk, F., *et al.*, "Recombinant Human Acid α-Glucosidase Generated in Bacteria: Antigenic, but Enzymatically Inactive", *DNA and Cell Biology*, 11(9):701-706 (1992).
	AU3	Reuser, A.J.J., *et al.*, "Biochemical, Immunological, and Cell Genetic Studies in Glycogenosis Type II", *Am J Hum Genet*, 30:132-143 (1978).
	AV3	Slonim, A.E., *et al.*, "Improvement of muscle function in acid maltase deficiency by high-protein therapy", *Neurology*, 33:34-38 (1983).
	AW3	Van der Ploeg, A.T., *et al.*, "Intravenous Administration of Phosphorylated Acid α-Glucosidase Leads to Uptake of Enzyme in Heart and Skeletal Muscle of Mice", *J. Clin. Invest.*, 87:513-518 (1991).
	AX3	Wu, J-Y., *et al.*, "Expression of Catalytically Active Human Multifunctional Glycogen-Debranching Enzyme and Lysosomal Acid Alpha-Glucosidase in Insect Cells", *Biochemistry and Molecular Biology International*, 39(4):755-764 (1996).
	AY3	Watson, J.G., *et al.*, "Bone Marrow Transplantation for Glycogen Storage Disease Type II (Pompe's Disease)", *N. Engl. J. Med.*, 314:385 ((1986).
	AZ3	Martiniuk, F., *et al.*, "Carrier Frequency for Glycogen Storage Disease Type II in New York and Estimates of Affected Individuals Born With the Disease", *American Journal of Medical Genetics*, 76:69-72 (1998).
	AR4	Schiffmann, R., *et al.*, "Infusion of α-galactosidase A reduces tissue globotriaosylceramide storage in patients with Fabry disease", *Proc. Natl. Acad. Sci.*, 97(1):365-370 (2000).
✓	AS4	Van Hove, J.L.K, *et al.*, "High-level production of recombinant human lysosomal acid α-glucosidase in Chinese hamster ovary cells which targets to heart muscle and corrects glycogen accumulation in fibroblasts from patients with Pompe disease", *Proc. Natl. Acad. Sci.*, 93:65-70 (1996).

EXAMINER	DATE CONSIDERED
M. M	5/31/02

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

December 20, 2001

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
2984.1000-004	09/902,461
APPLICANT: Yuan-Tsong Chen	
FILING DATE: July 10, 2001	GROUP: ~~1614~~ 1651

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS ***(Including Author, Title, Date, Pertinent Pages, Etc.)***

	AT4	Lei, K.J., *et al.*, "Genetic Basis of Glycogen Storage Disease Type 1a: Prevalent Mutations at the Glucose-6-Phosphatase Locus", Am. *J. Hum. Gen.*, 57(4):766-771 (1995).
	AU4	Pauly, D.F., *et al.*, "Complete correction of acid α-glucosidase deficiency in Pompe disease fibroblasts in vitro, and lysosomally targeted expression in neonatal rat cardiac and skeletal muscle", *Gene Therapy*, 5(4):473-480 (1998).
	AV4	Chen, Y-T, *et al.*, "Towards a molecular therapy for glycogen storage disease type II (Pompe disease)", *Mol. Medicine Today*, 6(6):245-251 (2000).
	AW4	Kakkis, E., *et al.*, "Recombinant α-L-iduronidase replacement therapy in mucopolysaccharidosis 1: Results of a human clinical trial", *Am. J. Hum. Genet.*, 63(4):A25 (1998).

EXAMINER [signature] DATE CONSIDERED 5/31/02

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

January 8, 2002

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
2984.1000-004	09/902,461
APPLICANT	
Yuan-Tsong Chen	
FILING DATE	**GROUP**
July 10, 2001	~~1614~~ 1657

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
MM	AA	6,118,045	9/12/00	Reuser, *et al.*	800	14	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
MM	AL	WO 00/34451	15 JUN 00	PCT				
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS ***(Including Author, Title, Date, Pertinent Pages, Etc.)***

MM	AX4	Byrne, B.J., *et al.*, "Reconstitution of Acid α-glucosidase activity in a mouse model of cardioskeleton myopathy, Pompe's Disease", Circulation, Vol. 98(17):I737 (1998).

EXAMINER M. Ellen

DATE CONSIDERED 5/31/02